# Blessing S. Ofori-Atta

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#### **EDUCATION**

MS. Statistics & Data Science

May 2021

University of Nevada, Reno, NV

MS. Statistics

May 2019

Northern Arizona University, Flagstaff, AZ

BS. Actuarial Science

June 2016

Kwame Nkrumah University of Science & Technology, Ghana

#### WORK EXPERIENCE

Biostatistician, Study Design and Biostatistics Center (SDBC)

July 2021 - Present

Department of Internal Medicine, University of Utah

- Project statistician for Utah Cancer Registry Participation in the National Program for Cancer Registries (NPCR), and Utah Department of Human Services' Application for System of Care Expansion and Sustainability grants.
- Develop high-quality analysis plans and reports following the SDBC template, demonstrating proficiency in statistical methodologies.
- Conduct independent consultations with investigators for complex projects, eliciting research objectives and study elements effectively.
- Maintain effective communication within the SDBC team, ensuring consistency in work tasks and proactively validating statistical analysis results.

## Actuarial Service Intern, PricewaterhouseCoopers

July 2020 - August 2020

New York City (Virtual Internship)

- Applied firm-standard methodologies to support research, analysis, and problem-solving.
- Contributed general insurance advice and consulting services to clients.

# Graduate Teaching Assistant, Department of Mathematics & Statistics

August 2019 - May 2021

University of Nevada, Reno

- Tutored 400+ students in Pre-Calculus and Calculus, delivering tailored instruction for conceptual mastery.
- Conducted weekly office hours, offering personalized assistance for assignments and exams.
- Evaluated assignments and exam for 400+ students, offering constructive feedback for enhanced learning.

# **Instructor**, Department of Mathematics & Statistics

August 2017 - May 2019

Northern Arizona University

- Used relatable concepts to motivate students to overcome learning obstacles.
- Strategically planned and independently taught sections of Applied Statistics.
- Fostered strong interpersonal skills through academic counselling for 150+ students.

#### **Teaching Assistant, Department of Mathematics**

August 2016 - August 2017

Kwame Nkrumah University of Science & Technology, Ghana

• Assisted students in understanding and resolving tactical problems in master's and undergraduate level courses.

• Acted as a liaison facilitating communication between professors and students.

#### **PUBLICATIONS**

#### **Published**

- Flores, B., **Ofori-Atta, B**. & Sarantsev, A. A stock market model based on CAPM and market size. *Ann Finance* 17, 405–424 (2021). https://doi.org/10.1007/s10436-021-00390-8
- Millar MM, Edwards SL, Herget KA, Orleans B, **Ofori-Atta BS**, Kirchhoff AC, Carter ME, Nagata M, Sweeney C. Adherence to Guideline-Recommended cancer screening among Utah cancer survivors. Cancer Med. 2022 Aug 27;12(3):3543–54. doi: 10.1002/cam4.5168. Epub ahead of print. PMID: 36029153; PMCID: PMC9939153.
- Millar MM, Herget KA, Ofori-Atta B, Codden RR, Edwards SL, Carter ME, Belnap B, Kirchhoff AC, Sweeney C. Cancer survivorship experiences in Utah: an evaluation assessing indicators of survivors' quality of life, health behaviors, and access to health services. Cancer Causes Control. 2023 Feb 1. doi: 10.1007/s10552-023-01671-5. Epub ahead of print. PMID: 36723708.
- Kaddas, H. K., Millar, M. M., Herget, K. A., Carter, M. E., **Ofori-Atta, B. S.**, Edwards, S. L., ... & Kirchhoff, A. C. (2024). Material financial hardship and insurance-related experiences among Utah's rural and urban cancer survivors. Journal of Cancer Survivorship, 1-8.
- Wagers, K., Ofori-Atta, B. S., Tucker, W., Presson, A. P., & Nixon, D. (2024). Evaluation of Costs Associated With Acute Achilles Tendon Repair. Foot & Ankle Orthopaedics, 9(1), 24730114241238215.
- Codden, R. R., Sweeney, C., Ofori-Atta, B. S., Herget, K. A., Wigren, K., Edwards, S., ... & Millar, M. M. (2023). Accuracy of patient race and ethnicity data in a central cancer registry. Cancer Causes & Control, 1-10.
- McKee, K.E., Knighton, A.J., Veale, K., Martinez, J., McCann, C., Anderson, J.W., Wolfe, D., Blackburn, R., McKasson, M., Bardsley, T. and Ofori-Atta, B., 2024. Impact of Local Tailoring on Acute Stroke Care in 21 Disparate Emergency Departments: A Prospective Stepped Wedge Type III Hybrid Effectiveness-Implementation Study. Circulation: Cardiovascular Quality and Outcomes, 17(5), p.e010477.
- Kastenberg, Z. J., Short, S. S., Riehle, K. J., Utria, A., Lautz, T. B., Ott, K. C., ... & Baertschiger, R. (2024). Management of undifferentiated embryonal sarcoma of the liver: A Pediatric Surgical Oncology Research Collaborative study. Pediatric Blood & Cancer, 71(6), e30975.
- Millar, M. M., Edwards, S. L., Codden, R. R., Ofori-Atta, B. S., Herget, K. A., Carter, M. E., ... & Sweeney, C. (2024). Physical Activity Among Utah Cancer Survivors: Analysis From a Population-Based Statewide Survey. Journal of Physical Activity and Health, 1(aop), 1-10.

# Manuscripts submitted for publication or in preparation

- Kade Wagers, **Blessing S. Ofori-Atta**, William Tucker, Angela Presson, Devon Nixon, *Influence of social deprivation on patient-reported outcomes in foot and ankle patients*. Manuscript submitted for publication.
- Michael Birdsall, **Blessing S. Ofori-Atta**, Ashley M. Snyder, Bethany K. H. Lewis, *A dermatology eConsult service at an academic medical institution increases access to underserved populations*. Manuscript submitted for publication.
- Julia Hood, **Blessing S. Ofori-Atta**, Amanda V. Bakian, Deborah Bilder, *Changes in the Prevalence and Incidence of Autism Spectrum Disorder Across Multiple Birth Cohorts in Utah, US.* Manuscript in preparation.

#### **PRESENTATIONS**

#### Poster

- Julia Hood, Blessing S. Ofori-Atta, Amanda V. Bakian, Deborah Bilder, Changes in the Prevalence and Incidence of Autism Spectrum Disorder Across Multiple Birth Cohorts in Utah, US. Poster presented at International Society of Autism research (INSAR) by Julia Hood. Stockholm, Sweden, June 2023
- Abraham Atsiwo, **Blessing S. Ofori-Atta**, Emily Dobbs, Jaucelyn Canfield, *Seed Dormancy of Ivesia Webberi A. Gray and its Significance on Regeneration using Statistical Modeling*. Poster presented at Statistical Computing Poster Presentation Workshop, University of Nevada, Reno, NV, December 2019

## **Oral/Project presentations**

- **Blessing S. Ofori-Atta**, David Kweku, *Prediction of Insurance Risk Rating of An Automobile on its Features*. University of Nevada, Reno, NV, May 2021
- **Blessing S. Ofori-Atta**, Justin Minott, *Recovery from Drought in Ponderosa/Pinyon-Juniper Ecotones*. Oral presentation at Statistical Consulting, Adel Mathematics and Statistics, Northern Arizona University, Flagstaff, AZ, April 2019

#### PROFESSIONAL CERTIFICATES

# **Certificate in Effective College Instruction**

Association of College and University Educators (ACUE)

## April 2021

### **Certificate in Data-driven Decision-Making**

PricewaterhouseCoopers (PWC)

#### June 2020

#### PROFESSIONAL ASSOCIATIONS

- Member, American Statistical Association
- **Student Member**, Society of Actuaries (SOA)
- Member, International Association of Black Actuaries

#### COMPUTER, STATISTICAL, AND BUSINESS INTELLIGENCE SKILLS

- Programming/Script Languages: R, Python, SAS, SQL
- Reproducible Research/Publishing: LaTeX, R Markdown, Microsoft office tools
- Others: Tableau

#### **ACTUARIAL EXAMS**

- Society of Actuaries Exams: Probability (July 2018), Financial Mathematics (December 2018)
- Validation of Educational Experience: Applied Statistical Methods, Economics, Corporate Finance

#### AWARDS

Ben & Beatrice Edwards Scholarship, University of Nevada, Reno	August 2020 – May 2021
Graduate Scholarship Award, University of Nevada, Reno	
August 2019 – May 2021	
Graduate Scholarship Award, Northern Arizona University	August 2017 – May 2019
	Graduate Scholarship Award, University of Nevada, Reno August 2019 – May 2021

#### **TEACHING**

Teaching Assistant, University of Nevada, Reno

- MATH 126: Precalculus I
- MATH 127: Precalculus II
- MATH 181: Calculus I

**Instructor**, Northern Arizona University

- STAT 270: Applied Statistics
- MAT 108: Algebra for Precalculus
- MAT 125: Precalculus Mathematics

#### **VOLUNTEER SERVICE**

- Utah Food Bank Volunteer with the Department of Population Health Sciences, University of Utah –
  Sorted food donations, assembled food boxes, repackaged bulk food into family-sized amounts for
  distribution (August 2023).
- Northern Arizona University International Student Orientation Volunteer Guided international students through their initial transitions and provided informative and engaging campus tours (August 2017).
- Orphanage Volunteer Assumed recreational and care-taking responsibilities for children aged 3-18, ensuring their well-being and engagement. Collaborated closely with house mothers and fellow volunteers to maintain the smooth operation of the weekly activities (November 2010).